

James G Hodges

UEN-IVC

Manager of the UEN...



TSSC

TECHNICAL SERVICES SUPPORT CENTER

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1-800-863-3496

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THE UEN IVC CLASSROOM EXPERIENCE

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What is UEN IVC?

Formerly EDNET

- 80's: one-way microwave delivery using existing translators in geographic areas eventually evolved into interactive (2 sites at first, up to 30 near end)
- 90's: In the early 90's high quality interactivity but with expensive last mile analog fiber/microwave delivery; 1 class per circuit per facility (30+ sites at first with more than 120 sites near end)
- 00's: Then as technology advanced and the state backbone was built out had a mix of diverse microwave, analog fiber, digital satellite and 2 way mpeg over dedicated T-1 in one network (support nightmare)



What is UEN IVC?

Interactive Video Conferencing

- Real time two-way audio and video
- Participants in different geographic locations
- Point-to-Point
- Multipoint– multiple sites bridged together in one conference



What is UEN IVC?

- 600 + registered end sites (CODECS)
- Nine (9) 40 port Codian MCUs (Multipoint Control Unit)
- Three (3) 40 port Codian High Definition MCUs
- 480 total MCU ports
- TMS (Tandberg Management Suite)
- Point-to-point connections



Different types of UEN IVC

- UEN IVC (formerly EDNET)
 - Classroom/conference room setting solution
 - High Definition capable
 - 8-10 end sites per event
 - 180 – 200 events per day



Different types of UEN IVC

- Desktop conferencing
 - IVC anywhere with a PC and Internet connectivity
 - Extends a conference to your PC
 - High end VIDEO solution
 - Content sharing vs. content collaboration



Different types of UEN IVC

- Total number of connections on the UEN IVC system in a month:

55,023



Different types of UEN IVC

- Wimba
 - Content collaboration solution - contact Doug Jones
 - douglasjones2000@mac.com
 - (801) 581-8360
 - One-to-many individuals, not a classroom solution





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Advantages of UEN IVC

- Offers additional educational experiences not available locally (Puppetry Arts)
- Resource sharing (Baghdad Law Team)
- Record classes for later viewing (SUU)
- Professional development (Boys Town)

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Advantages of UEN IVC

- Guest speakers from anywhere (Iditarod)
- Administrative collaboration (Snake Valley)
- Cost savings
- Is a certified green technology



Costs: Travel vs. UEN IVC

Fuel = \$45

Travel Time = \$350

Lodging = \$85

Food = \$60

Total = \$540



UEN IVC is GREEN

For every 3 meetings held over videoconference (instead of flying cross-country), the emission reduction amount would be comparable to taking a car completely off the road for an entire year. (www.liveearth.org)



In your face Kermit!



ConferenceMe™

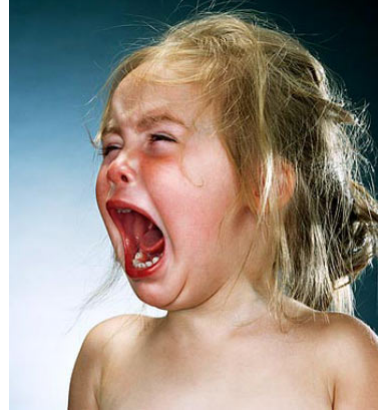
- Extends an existing event to a PC
- High quality, real-time video, audio, and content sharing
- Part of the UEN IVC system
- Accommodate and engage students with extenuating circumstances
 - Team schedules
 - Assemblies
 - Remote locations
 - Student illnesses
- Perfect for 1 or 2 participants per site



Current Limitations

- Does not currently work on Mac OS
- High-speed Internet access needed
- Requires headset with microphone
- Not all webcams work with ConferenceMe
 - Test with TSSC recommended at least 24 hours before first-time event





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Give us a call and we can walk you
through the Conference Me set up.

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